Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 18 Oct 2021 until 23:59 on Tuesday 19 Oct 2021

Forecast Issued on Sunday 17 Oct 2021 at 10:20

Confidence: High for a series of Atlantic weather fronts crossing the area, but confidence lowering for the detail of timing and extent of worst conditions.

Headline for Monday 18 Oct 2021: Best of morning brighter spells in east. Rain, drizzle increasingly developing from afternoon.

Mountain weather hazards on Monday 18 Oct 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Cloudy	Sunny intervals	Light rain	Light rain	Light rain	Light rain
Precipitation probability							
70%	30%	20%	10%	30%	60%	70%	80%

Forecast for Monday 18 Oct 2021

Weather: Overcast during the early hours with some patchy light rain and drizzle, then tending to turn largely dry towards dawn with cloud breaking to bring some limited brighter spells, chiefly to the east. Most staying dry through the morning with best of the brighter spells across eastern ranges. Gradually cloud thickening and lowering for the afternoon bringing periods of light rain and drizzle, these more focused in the west. Remaining dull with patchy rain and drizzle during the evening.

Chance of cloud free mountain/hill tops above 600m: Initially 30% in west and 70% in east, later virtually nil in west and 20% in east.

Visibility: Moderate or poor in rain and drizzle, very poor in hill fog which will be focused across the west, particularly later in the day as bases become extensive from 450-600m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 18 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/18 SW	10/14 S	10/15 SE	12/17 SE	17/24 S	18/25 S	17/26 S	15/22 S	12/17 SW
300	6/14 SW	3/9 S	3/11 SE	5/13 SE	9/20 S	10/20 S	9/20 S	7/16 S	5/12 S
Valley	6/14 S	3/10 SE	5/10 E	7/15 SE	7/18 SE	9/22 S	8/20 S	7/17 S	5/13 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	10/8	10/8	10/7	10/7	11/8	12/8	12/9	12/10
300	12/11	12/11	10/10	12/11	12/11	13/11	13/12	14/12	13/13
Valley	13/12	13/12	12/11	13/11	14/13	15/13	15/14	15/14	14/14
Freezing Level*	2600m	2500m	2600m	2800m	3000m	3000m	2800m	2800m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very difficult navigation in the west later in the day with extensive hill fog.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 17 Oct 2021	6.4mm	7.6mm	12.4mm

Forecast for Tuesday 19 Oct 2021

Weather: Predominantly cloudy with showers or longer periods of rain, which may turn heavy at times, chiefly later in the day. Best of drier conditions across the east of the park, where some brighter interludes may develop.

Maximum wind: South to Southwest increasing 25-30mph from mid-afternoon, with gusts 45mph over most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: Virtually nil in west, 25% in east.

Visibility: Moderate or poor in rain or showers, very poor in hill fog which will be focused across the west where bases are expected to be extensive from 450-600m.

Temperature: **Valleys:** Plus 8 Celsius increasing 18 Celsius during the afternoon
At 600m: Plus 12 Celsius
Freezing level: Above all summits

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